

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 20350
Application ID: 10065902
Title of Invention: CHARGE PUMP STRUCTURE FOR
REDUCING CAPACITANCE IN
LOOP FILTER OF A PHASE LOCKED
LOOP
First Named Inventor: Tse-Hsiang Hsu
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-11-27
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Filing Type: new-utility
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Attorney Docket Number: MTKP0029USA
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: +AWFJRR93MCV/sX4LJ8X9g==
Total Fees Authorized: \$410.0
Payment Category: DA - Deposit Account
Deposit Account Number: 500801
Deposit Account Name: WINSTON HSU

JD1046 U.S. PTO
10/065902
11/27/02

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

MTKP0029USA

CHARGE PUMP STRUCTURE FOR REDUCING CAPACITANCE IN LOOP FILTER OF A PHASE LOCKED LOOP

First Named Inventor: Tse-Hsiang Hsu

SUBMITTED BY

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Date Signed: 20021128

Name: _____

Mr. Mord Michael Lewis

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50.478

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Michael Lewis

Date Signed: 20021128

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	MTKP0029DEC1.TIF
declaration	MTKP0029DEC2.TIF
specification	MTKP0029.xml
biobd-transmittal	MTKP0029apds.xml
patent-assignments	MTKP0029asgn.xml
fee-transmittal	MTKP0029fee.xml

Attached Image File(s):

MTKP0029DEC1.TIF
MTKP0029DEC2.TIF

Comments:

PATENT
Docket no. MITK000235A

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

I believe I am the sole (if only one name appears below), or a joint (if more than one name appears), original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled
"CHARGE PUMP STRUCTURE FOR REDUCING CAPACITANCE IN LOOP FILTER OF A PHASE LOCKED LOOP"

+ The specification for the above entitled invention is filed herewith.

The specification for the above entitled invention was filed previously with application serial number _____ Filing Date _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 1.56, which became available to me between the filing date of the prior application and the filing date of this application.

PRIORITY CLAIM

+ There is no claim of priority

Claim of priority is based on the following:

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys to prosecute this application and to transact all related business in the Patent and Trademark Office:

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Combined Declaration and Power of Attorney, Page 1 of 2

DSJ002CU00000277

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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that each willful false statements may jeopardize the validity of this application or any patent issued hereon.

Date: Aug. 18, 1997 Taiwan, R.O.C.
 Printed Name: Tsai-Hsueh Hou
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 and Residence: Hsin Chu City, Taiwan, R.O.C.
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Date: _____
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 and Residence: _____
 Citizen of: _____

Date: _____
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 Post Office Address: _____
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 Citizen of: _____

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 and Residence: _____
 Citizen of: _____

Date: _____
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Combined Declaration and Power of Attorney, Page 2 of 2

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Small Entity

Small Business Concern

TOTAL FEES AUTHORIZED: \$ 410

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 500801



Deposit Account Name: NORTH AMERICA INTERNATIONAL PATENT OFFICE

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name:

WINSTON HSU

Electronic Signature Mark:

VAEB-JMXX-8III

Date Signed:

20021128

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	2001	\$ 370

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	2202	\$ 9	0	\$ 0
Independent Claims: 3	2201	\$ 42	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40